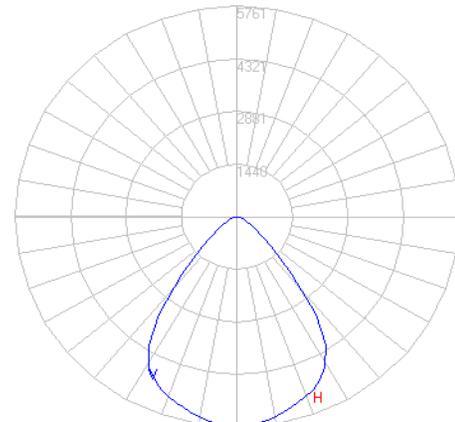


BEGA

File: 24659K4_BEGA_IES.ies

TEST: BE_24659K4
 TEST LAB: BEGA
 DATE: 1/13/2022
 LUMINAIRE: 24 659K4
 LAMP: 71.1W LED

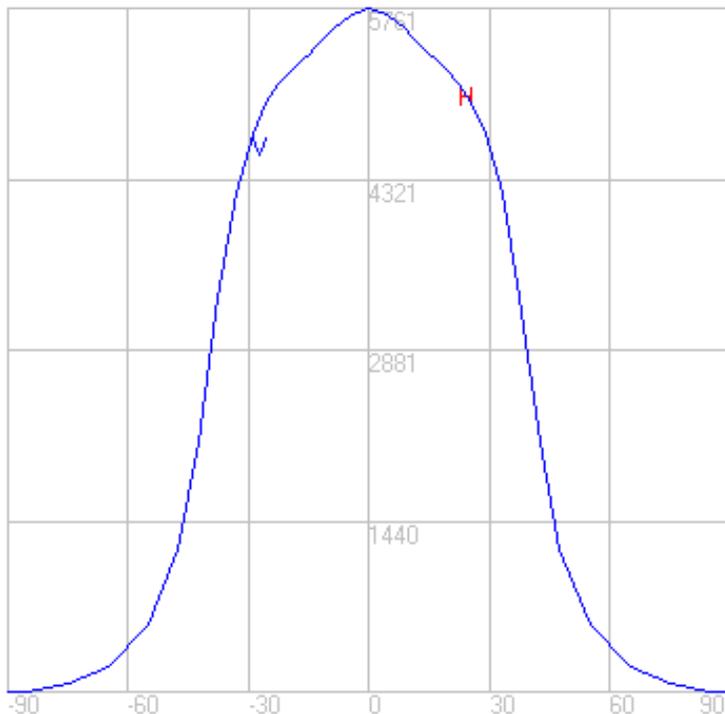
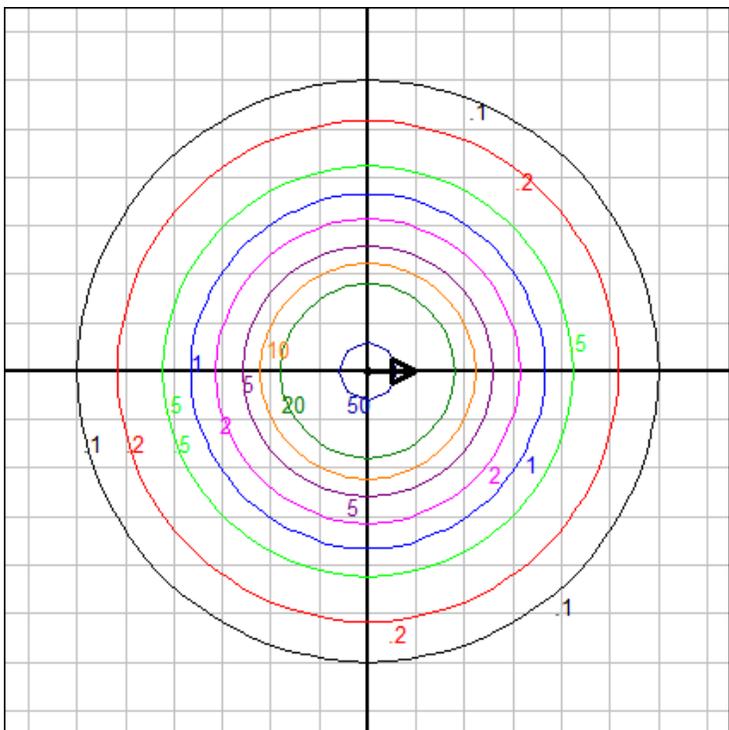


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	5761
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	78.7
Vertical Beam Angle (50%)	78.7
Horizontal Field Angle (10%)	109.7
Vertical Field Angle (10%)	109.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	6487
Beam Efficiency	N.A.
Field Lumens	8355
Field Efficiency	N.A.
Spill Lumens	504
Luminaire Lumens	8859
Total Efficiency	N.A.
Total Luminaire Watts	80
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	539.61
10-20	1522.72
20-30	2293.52
30-40	2358.08
40-50	1281.71
50-60	525.28
60-70	225.08
70-80	76.79
80-90	7.70
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Mounting Height: 10 ft.

Grid Spacing: 4 ft.

In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

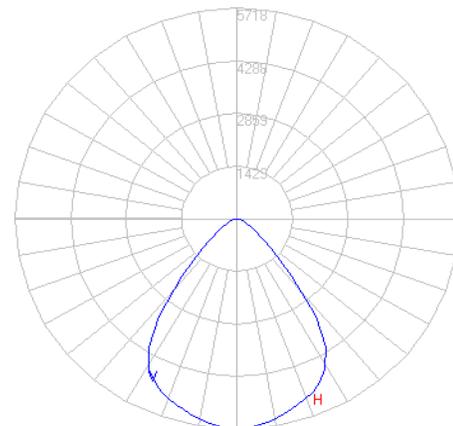
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BEGA

File: 24659K35_BEGA_IES.ies

TEST: BE_24659K4
 TEST LAB: BEGA
 DATE: 1/13/2022
 LUMINAIRE: 24 659K35
 LAMP: 71.1W LED

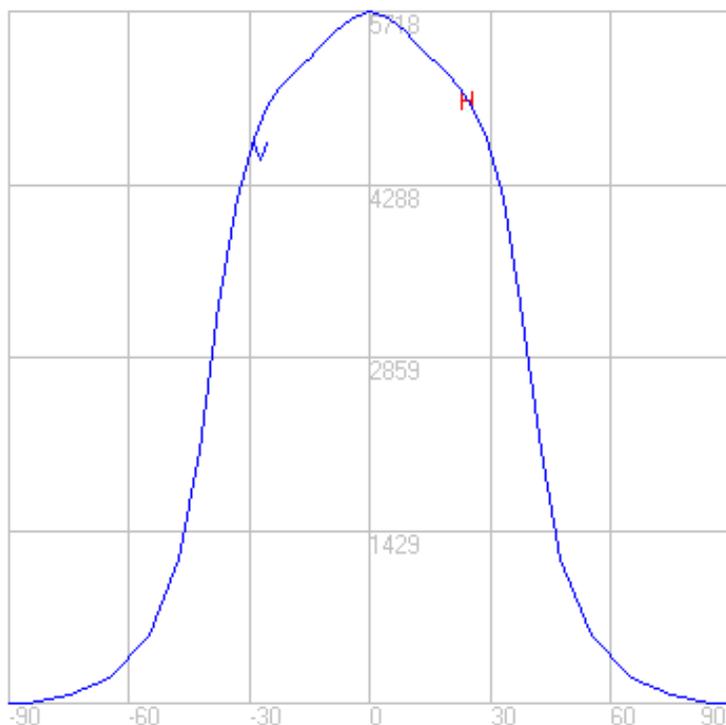
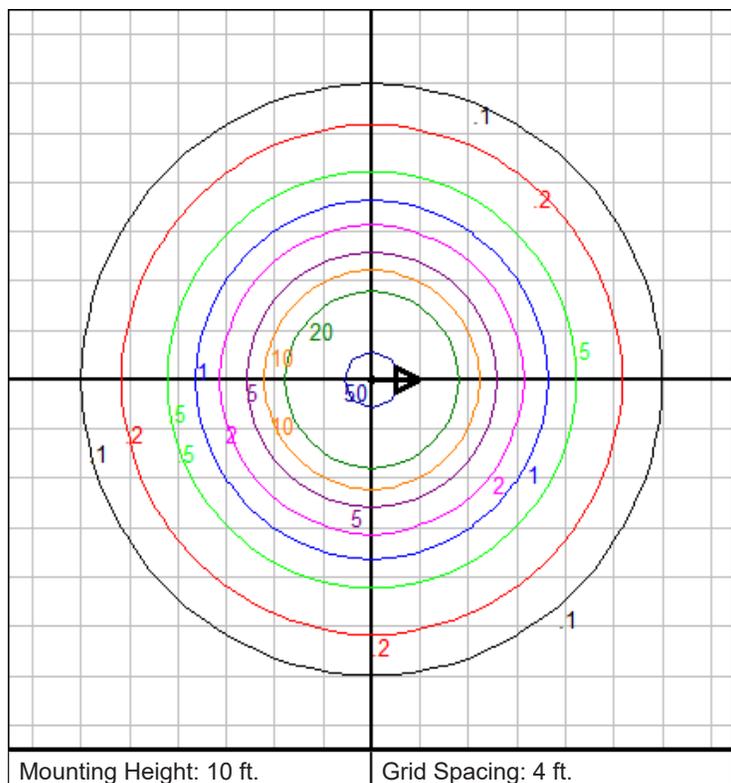


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	5717.967
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	78.7
Vertical Beam Angle (50%)	78.7
Horizontal Field Angle (10%)	109.7
Vertical Field Angle (10%)	109.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	6439
Beam Efficiency	N.A.
Field Lumens	8293
Field Efficiency	N.A.
Spill Lumens	500
Luminaire Lumens	8793
Total Efficiency	N.A.
Total Luminaire Watts	80
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	535.58
10-20	1511.34
20-30	2276.39
30-40	2340.46
40-50	1272.13
50-60	521.36
60-70	223.40
70-80	76.21
80-90	7.64
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

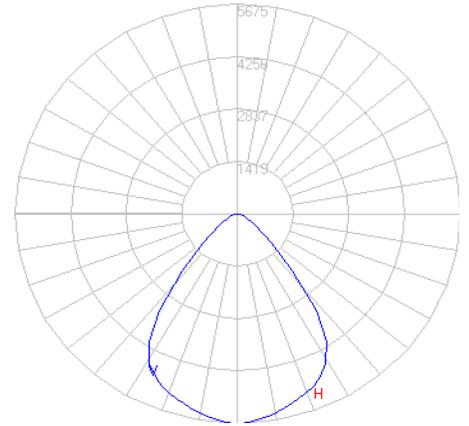


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

File: 24659K3_BEGA_IES.ies

TEST: BE_24659K4
 TEST LAB: BEGA
 DATE: 1/13/2022
 LUMINAIRE: 24 659K3
 LAMP: 71.1W LED

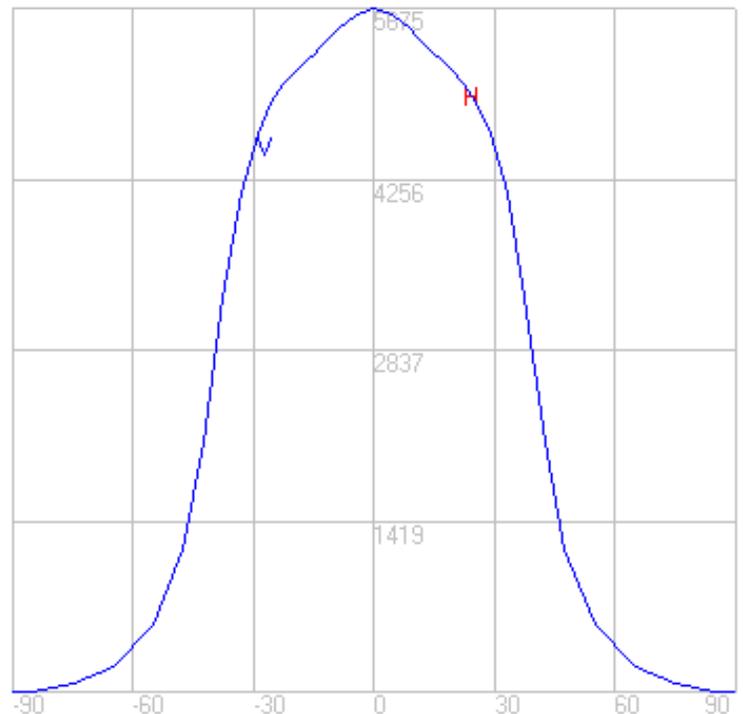
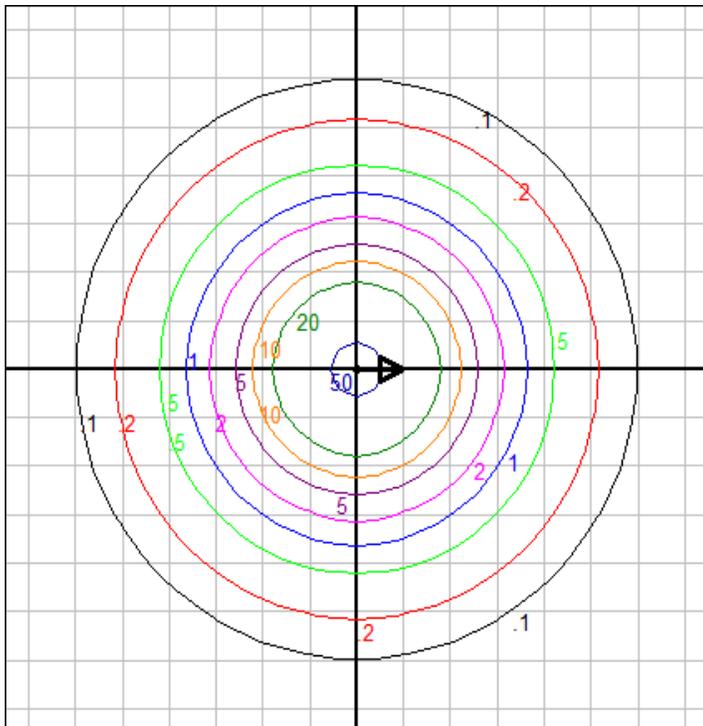


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	5674.585
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	78.7
Vertical Beam Angle (50%)	78.7
Horizontal Field Angle (10%)	109.7
Vertical Field Angle (10%)	109.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	6390
Beam Efficiency	N.A.
Field Lumens	8230
Field Efficiency	N.A.
Spill Lumens	497
Luminaire Lumens	8727
Total Efficiency	N.A.
Total Luminaire Watts	80
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	531.52
10-20	1499.88
20-30	2259.11
30-40	2322.7
40-50	1262.48
50-60	517.41
60-70	221.71
70-80	75.64
80-90	7.58
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Mounting Height: 10 ft.

Grid Spacing: 4ft.

In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

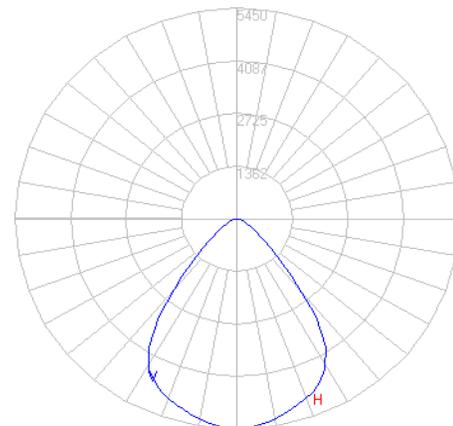
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File: 24659K27_BEGA_IES.ies

TEST: BE_24659K4
 TEST LAB: BEGA
 DATE: 1/13/2022
 LUMINAIRE: 24 659K27
 LAMP: 71.1W LED

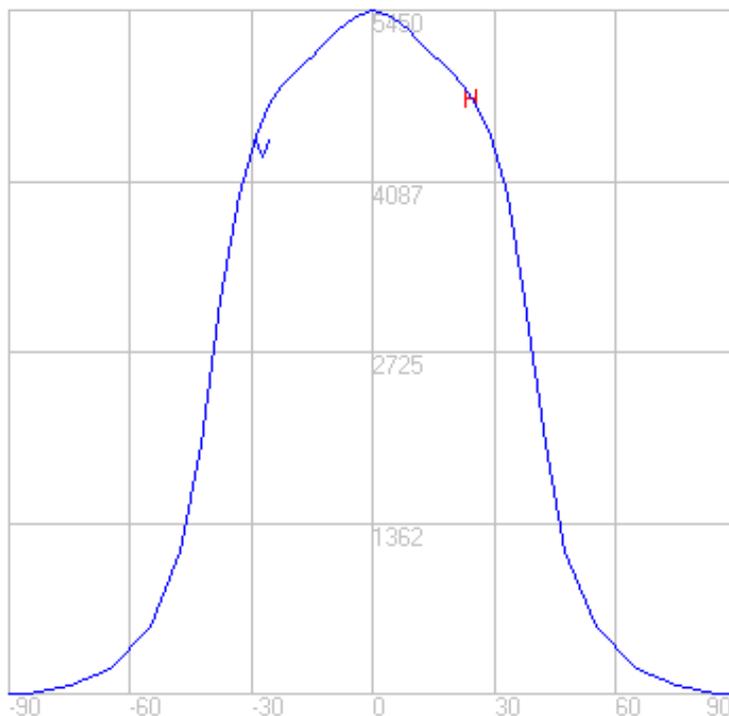
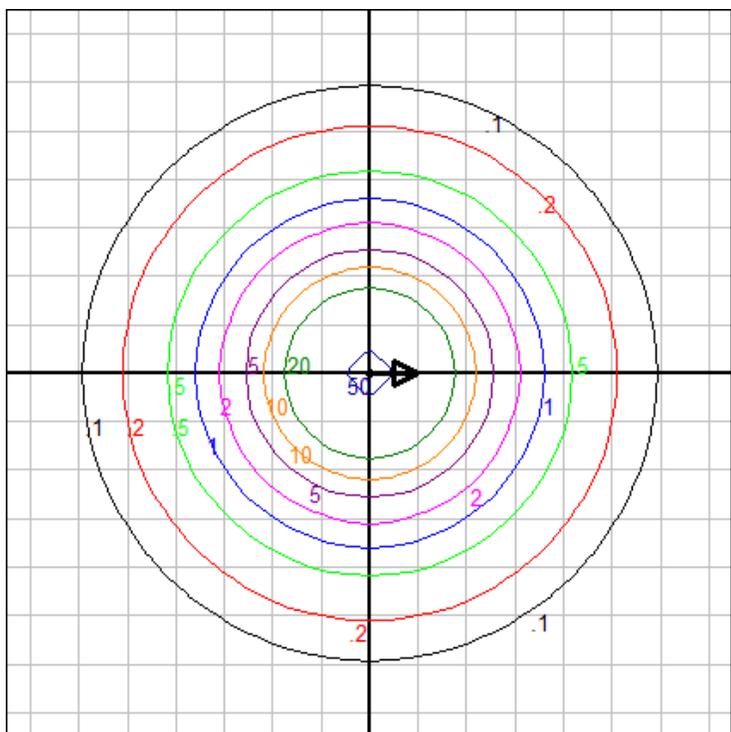


Characteristics

NEMA Type	6 H x 6 V
Maximum Candela	5449.906
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	78.7
Vertical Beam Angle (50%)	78.7
Horizontal Field Angle (10%)	109.7
Vertical Field Angle (10%)	109.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	6137
Beam Efficiency	N.A.
Field Lumens	7904
Field Efficiency	N.A.
Spill Lumens	477
Luminaire Lumens	8381
Total Efficiency	N.A.
Total Luminaire Watts	80
Ballast Factor	1.00

Zonal Lumen Summary

Zone	Lumens
0-10	510.47
10-20	1440.49
20-30	2169.67
30-40	2230.74
40-50	1212.49
50-60	496.92
60-70	212.93
70-80	72.64
80-90	7.28
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



Mounting Height: 10 ft.

Grid Spacing: 4 ft.

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